

Please amend the claims to read as indicated in the following list of claims:

1. [Original] A method for filling an ink into an ink cartridge, comprising:

treating a filter with a surfactant to increase the hydrophilicity of the filter, wherein the filter has pores;

installing the treated filter in an ink cartridge; and
filling an ink into the ink cartridge to pass through the treated filter.

2. [Original] The method as claimed in claim 1, wherein when the ink is filled into the ink cartridge, the pore of the filter and the ink surface are at an angle less than 90 degrees.

3. [Original] The method as claimed in claim 1, wherein the filter is a fiber filter, nylon filter, foamed filter, or metal filter.

4. [Original] The method as claimed in claim 1, wherein the surfactant has an HLB value of 3 to 18.

5. [Original] The method as claimed in claim 4, wherein the surfactant has an HLB value of 6 to 15.

6. [Original] The method as claimed in claim 1, wherein the surfactant is used singly.

7. [Original] The method as claimed in claim 1, wherein the

surfactant is dissolved in a solvent when used.

8. [Original] The method as claimed in claim 7, wherein the solvent is water or a hydrophilic solvent.

9. [Original] The method as claimed in claim 7, wherein the surfactant is present in an amount of 0.0001 to 10 weight%.

10. [Original] A method for filling an ink into an ink cartridge, comprising:

installing a filter in an ink cartridge, wherein the filter has pores;

treating the filter with a surfactant to increase the hydrophilicity of the filter; and

filling an ink into the ink cartridge to pass through the treated filter.

11. [Original] The method as claimed in claim 10, wherein when the ink is filled into the ink cartridge, the pore of the filter and the ink surface are at an angle less than 90 degrees.

12. [Original] The method as claimed in claim 10, wherein the filter is a fiber filter, nylon filter, foamed filter, or metal filter.

13. [Original] The method as claimed in claim 10, wherein the surfactant has an HLB value of 3 to 18.

14. [Original] The method as claimed in claim 13, wherein

the surfactant has an HLB value of 6 to 15.

15. [Original] The method as claimed in claim 10, wherein the surfactant is used singly.

16. [Original] The method as claimed in claim 10, wherein the surfactant is dissolved in a solvent when used.

17. [Original] The method as claimed in claim 16, wherein the solvent is water or a hydrophilic solvent.

18. [Original] The method as claimed in claim 16, wherein the surfactant is present in an amount of 0.0001 to 10 weight%.

19. [Currently Amended] A method for filling an ink into an ink cartridge, comprising:

providing an ink cartridge having an ink passage, wherein the ink passage has a wall;
treating the wall of the ink passage with a surfactant to increase the hydrophilicity of the wall of the ink passage before initial use of ink flow passage; and
filling an ink into the ink cartridge to pass through the treated the ink passage.

20. [Original] The method as claimed in claim 19, wherein the surfactant has an HLB value of 3 to 18.

21. [Original] The method as claimed in claim 20, wherein the surfactant has an HLB value of 6 to 15.

22. [Previously presented] The method of claim 1 wherein the step of filling ink into the ink cartridge includes passing ink through the treated filter as the ink cartridge fills with ink.

23. [Previously presented] The method of claim 10 wherein the step of filling ink into the ink cartridge includes passing ink through the treated filter as the ink cartridge fills with ink.

24. [Previously presented] The method of claim 19 wherein the step of filling ink into the ink cartridge includes passing ink through the treated filter as the ink cartridge fills with ink.